

Recordation Form Cover Sheet

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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Robert S. Beach

Additional name(s) of conveying party(ies) attached?

 No Yes

3. Nature of Conveyance

- Assignment Merger
 Security Agreement Change of Name
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Execution Date(s): 07/11/2001

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Name: International Business Machines
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4. Application Number(s) or patent number(s): :

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

09/827,278

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Robert B. O'Rourke

Name: Blakely, Sokoloff, Taylor & Zafman LLP

Internal Address: _____

Street Address: 12400 Wilshire Boulevard, 7th FloorCity: Los Angeles State: California Zip: 900256. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41).....\$40.00

 Enclosed Authorized to be charged to deposit account

8. Deposit Account Number:

02-2666

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7/12/01

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Total number of pages including cover sheet, attachments, and document: 2

Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner of Patents, Box Assignments

Washington, D.C. 20231

Atty Docket No.03594P023X

INVENTOR
AND CITY

Whereas, I

(1) Robert S. Beach of Los Gatos
County of Santa Clara and State of California

have invented certain improvements in

TITLE

SPIN VALVE SENSOR WITH AN ANTIFERROMAGNETIC LAYER BETWEEN TWO PINNED LAYERS

DATE THAT
INVENTOR
SIGNED THE
DECLARATION

and executed, respectively, a United States patent application therefor on
(1) 7-11-01.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed and sealed

CITY (1) at San Jose, California

DATE on 7-11-01,

INVENTOR
SIGNATURE


Robert S. Beach